

planning consultants



SEARs Reference Table

SSD 41306367

Prepared for: Department of Education/ School Infrastructure NSW October 2022

PO Box 230 Pennant Hills NSW 1715 | P 02 9980 6933 | www.dfpplanning.com.au

Response to SEARs

Industry specific Planning Secretary's Environmental Assessment Requirements (SEARs) were issued by the Department of Planning and Environment (DPE) for the project on 27 April 2022. Amended SEARs were issued on 1 November 2022, In addition DPE identified assessment requirements in addition to those contained in the Industry Specific SEARS for schools. This table provides a summary of where a response to the SEARs for SSD-41306367 (including the additional assessment requirements) can be found within the Environmental Impact Statement (EIS) or accompanying documentation. The response to the SEARs and related assessment set out within this EIS concludes that all assessment requirements have been met and addressed.

Location of Response to SEARs within the EIS				
Requirement	Response within the EIS Report	Relevant Supporting Documentation		
General Requirements				
The Environmental Impact Statement (EIS) must meet the minimum form and content requirements as prescribed by Part 8 of the <i>Environmental</i> <i>Planning and Assessment Regulation 2021 (EP&A Regulation)</i> and the <i>State Significant Development Guidelines.</i>	The EIS complies with the relevant legislation, guidelines and SEARs	The EIS and Appendices.		
Key Issues and Assessment Requirements		• •		
1. Statutory Context, Strategic Context and Policies	Section 2	Appendix C		
 Address all relevant legislation, environmental planning instruments (EPIs) (including drafts), plans, policies and guidelines 	Section 4			
 Identify compliance with applicable development standards and provide a detailed justification for any noon-compliances. 				
 If the development is only partly State significant development (SSD) declared under Chapter 2 of SEPP (Planning Systems) 2021, provide an explanation of how the remainder of the development is sufficiently related to the component that is SSD. 				
 Address the requirement of any approvals applying to the site, including any concept approval or recommendation from any Gateway determination. 				
2. Capital Investment Value and Employment	Section 1 Section 4	Appendix G		
 Provide a detailed calculation of the capital investment value (CIV) of the development, prepared by a qualified quantity surveyor. 	Section 4			
 Provide an estimate of the retained and new jobs that would be created during the construction and operational phases of the development, including details of the methodology to determine the figures provided. 				
3. Design Quality	Section 6.1	Appendix H		
 Demonstrate how the development will achieve: Design excellence in accordance with any applicable EPI provisions. Good design in accordance with the seven objectives for good design in <i>Better Placed</i>. 				
• Where required by an EPI or concept approval, or where proposed, demonstrate how the development has been subject to a competitive design process, carried out in accordance with an endorsed brief and Design Excellence Strategy. Recommendations (from the jury and Design Integrity Panel) are to be addressed prior to lodgement.				
 In all other instances, demonstrate that the development has been reviewed by the State Design Review Panel (SDRP). Recommendations are to be addressed prior to lodgement. 				

Requirement		Response within the EIS Report	Relevant Supporting Documentation
•	 iilt Form and Urban Design Demonstrate how design quality will be achieved in accordance with the Education SEPP Design Quality Principles and the Design Guide for Schools, including: how the proposed built form (layout, height, bulk, scale, separation, setbacks, interface and articulation) addresses and responds to the context, site characteristics, streetscape and existing and future character of the locality. how the building design will deliver a high-quality development, including consideration for façade design, articulation, roof design, materials, finishes, colours, any signage, integration of services, and the principles of Crime Prevention Through Environmental Design. Assess how the development complies with the relevant accessibility requirements. 	Section 3 Section 6.1	Appendix B Appendix F Appendix H Appendix J Appendix K
5. En • •	Address how good internal and external environmental amenity is achieved, including access to natural daylight and ventilation, pedestrian movement throughout the site, access to landscape and outdoor spaces. Assess amenity impacts on the surrounding locality, including lighting impacts, solar access, visual privacy, visual amenity, view loss and view sharing, overshadowing and wind impacts (including the preparation of a wind assessment where the development has a height above four storeys). A high level of environmental amenity for any surrounding residential or other sensitive land uses must be demonstrated. Provide a solar access analysis of the overshadowing impacts if the development within the site, on surrounding properties and public spaces (during summer and winter solstice) at hourly intervals between 9am and 3pm, when compared to the existing situation and a compliant development (if relevant). sual Impact	Section 6.2 Section 6.2.1	Appendix B Appendix H
• 7. Tro •	 likely future development. Where the visual analysis has identified potential for significant visual impact, provide a visual impact assessment that addresses the impacts of the development on existing catchment. ees and Landscaping Assess the number, location, condition and significance of trees to be removed and retained and note any existing canopy coverage to be retained on-site. Provide a detailed site-wide landscape plan that: details the proposed site planting, including location, number and species of plantings, heights of trees at maturity and proposed canopy coverage. provides evidence that opportunities to retain significant trees have been explored and/or informs the plan. considers equity and amenity of outdoor play spaces. Demonstrates how the proposed development would: Contribute to long term landscape setting in respect of the site and streetscape. Mitigate the urban heat island effect and ensure appropriate comfort levels on-site. Contribute to the objective of increased urban tree canopy cover. Maximise opportunities for green infrastructure, consistent 	Section 6.3 Section 6.4	Appendix L Appendix M Appendix Q

Requirement		ment	the FIS Report Support	Relevant Supporting Documentation
3. E	Ecolo	gically Sustainable Development (ESD)	Section 6.5	
•	EPa	ntify how ESD principles (as defined in clause section 193 of the &A Regulation are incorporated in the design and ongoing eration of the development.		
•	indu per stra	monstrate how the development will meet or exceed the relevant ustry recognised building sustainability and environmental formance standards, and integrated environmental design ategies in accordance with the <i>Environmental Design in Schools</i> <i>nual.</i>		
	emi 205	monstrate how the development minimises greenhouse gas issions (reflecting the Government's goal of net zero emissions by 50) and consumption energy, water (including water sensitive an design) and material resources.		
). 1	Fraffie	c, Transport and Accessibility	Section 6.6	Appendix O
,		vide a transport and accessibility impact assessment which udes:		Appendix P
	0	An analysis of the existing transport network, including the road hierarchy and any pedestrian, bicycle or public transport infrastructure, current daily and peak hour vehicle movements, and existing performance levels or nearby intersections Details of the proposed development, including pedestrian and		
	0	vehicular access arrangements (including swept path analysis of the largest vehicle and height clearness) parking arrangements and rates (including bicycle and end-of-trip facilities), drop-off/pick-up-zone(s) and bus bays (if applicable) and provisions for servicing and loading/unloading.		
	0	analysis of the impacts of the proposed development (including justification for the methodology used), including predicted modal split, a forecast of additional daily and peak hour multimodal network flows as a result of development (using industry standard modelling), potential queuing in drop-off/pick- up zones and bus bays during peak periods, identification of potential traffic impacts on road capacity, intersection performance and road safety (including pedestrian and cyclist conflict), and any cumulative impact from surrounding approved		
	0	developments. measures to mitigate any traffic impacts, including details of any new or upgraded infrastructure to achieve acceptable performance and safety, and the timing, viability and mechanisms (including proposed arrangements with local councils or government agencies) of delivery of any infrastructure improvements in accordance with relevant standards.		
	0	measures to promote sustainable travel choices for employees, students and visitors, such as connections into existing walking and cycling networks, minimising car parking provisions, encouraging car share and public transport, providing adequate bicycle parking and high quality end-of-trip facilities, and implementing a Green Travel Plan.		
	0	a preliminary operational traffic and access management plan for the development, including drop-off/pick-up zones, bus bays and their operations.		
	con arra are	and their operations. wide a Construction Traffic Management Plan detailing predicted astruction vehicle movements, routes, access and parking angements, coordination with other construction occurring in eth a, and how impacts on existing traffic, pedestrian and bicycle works would be managed and mitigated.		
0.	Biod	liversity	Section 6.3	Appendix L
,	acc <i>Bio</i> Bio	sess any biodiversity impacts associated with the development in cordance with the <i>Biodiversity Conservation Act 2016</i> and the <i>diversity Assessment Method 2020,</i> including the preparation of a diversity Development Assessment Report (BDAR), unless a ver is granted, or the site is on biodiversity certified land.	Section 6.4	Appendix Q

Red	quirement	Response within the EIS Report	Relevant Supporting Documentation
•	If the development is on biodiversity certified land, provide information to identify the site (using associated mapping) and demonstrate the proposed development is consistent with the relevant biodiversity measures conferred by the biodiversity certification.		
11.	Noise and Vibration	Section 6.7	Appendix E Appendix R
•	Provide a noise and vibration assessment prepared in accordance with the relevant NSW Environmental Protection Authority (EPA) guidelines. The assessment must detail construction and operational noise (including any public-address system, events and out of hours use of school facilities) and vibration impacts on nearby sensitive receivers and structures, considers noise intrusion, and outline the proposed management and mitigation measures that would be implemented.		
2	. Ground and Water Conditions	Section 6.10 Section 6.17	Appendix S Appendix T
	Provide an assessment of the potential impacts in soil resources, including related infrastructure and riparian lands on and near the site.		Appendix Y
	Provide an assessment of the potential impacts in surface and groundwater resources (quality and quantity), including related infrastructure, hydrology, aquatic and groundwater dependent ecosystems, drainage lines, downstream assets and watercourses.		
,	Provide and assessment of salinity and acid sulfate soil impacts.		
3.	Stormwater and Wastewater	Section 6.8.2	Appendix U
•	Provide an Integrated Water Management Plan for the development that:		
	 is prepared in consultation with the local council and any other relevant drainage or water authority. details the proposed drainage design for the site including any on-site treatment, reuse and detention facilities, water quality measures, and the nominated discharge points. demonstrates compliance with the local council or other drainage or water authority requirements and avoids adverse impacts on any downstream properties. 		
•	Where drainage infrastructure works are required that would be handed over to the local council, or other drainage or water authority, provide full hydraulic details and detailed plans and specification of proposed works that have been prepared in consultation with, and comply with the relevant standards of, the local council or other drainage or water authority.		
14.	Flooding Risk	Section 6.8.1	Appendix V
•	Identify any flood risk on-site having regard to adopted flood studies, the potential effects of climate change, and any relevant provisions of the NSW Floodplain Development Manual.		
•	Assess the impacts of the development, including any changes to flood risk on-site or off-site, and detail design solutions and operational procedures to mitigate flood risk where required.		
Ad •	ditional Assessment Requirement Provide a flood impact and risk assessment prepared in accordance with the NSW Floodplain Development Manual, and existing councils and government studies and guidance.	Flood Emergency Management Plan is proposed to be prepared, post approval of the application.	
•	Identify flood behaviour, flood constraints and risks on the site and its surrounding including the potential impacts of climate change for the full range of events i.e. up to and including the probable maximum event (PMF).		

Rec	quirement	Response within the EIS Report	Relevant Supporting Documentation
•	Assess the impacts of the development, including any changes to flood behaviour and risk, impacts of flooding on the development and its future community and on existing community for the full range of events.		
•	Propose management measures required to minimise the impacts of flooding on the development and minimise flood risks to the community, including an Emergency Management Plan considering access to and from the site, and evacuation issues during significant flood events including the PMF, from both local catchments and/or regional catchments.		
5.	Hazards and Risks	Section 6.17 (gas	Appendix W
•	Where there are dangerous goods and hazardous materials associated with the development provide a preliminary risk screening in accordance with Chapter 3 of SEPP (Resilience and Hazards) 2021.	pipeline corridor and electrical transmission)	Appendix X
•	Where required by SEPP (Resilience and Hazards) 2021, provide a Preliminary Hazard Analysis prepared in accordance with Hazardous Industry Planning Advisory Paper No.6 – Guidelines for Hazard Analysis.		
\do	ditional Assessment Requirement If the development is adjacent to or on land in a pipeline corridor, report on consultation outcomes with the operator of the pipeline, and prepare a hazard analysis.		
6,	Contamination and Remediation	Section 6.10	Appendix S
•	In accordance with Chapter 4 of SEPP (Resilience and Hazards) 2021, assess and quantify any soil and groundwater contamination and demonstrate that the site is suitable (or will be suitable, after remediation) for the development.		Appendix Y
Ado	ditional Assessment Requirement In relation to Contamination and Remediation, if required, provide a Remediation Action Plan (RAP) including Interim Audit Advice from an EPA-accredited Site Auditor certifying the RAP as appropriate.	Section 6.17	
7.	Waste Management	Section 6.11	Appendix Z
•	Identify, quantify and classify the likely waste streams to be generated during construction and operation.		Appendix AA
•	Provide the measures to be implemented to manage, reuse, recycle and safely dispose of this waste.		
,	Identify appropriate servicing arrangements for the site.		
,	If buildings are proposed to be demolished or altered, provide a hazardous materials survey.		
8.	Aboriginal Cultural Heritage	Section 5.3	Appendix D
•	Provide an assessment of Aboriginal cultural heritage, prepared in accordance with relevant sections of the current guidelines, identifying, describing and assessing potential impacts to Aboriginal cultural heritage sites or values associated with the application.	Section 6.12	Appendix BB Appendix CC
•	Provide evidence of consultation with Aboriginal communities in determining and assessing impacts, developing and selecting options and mitigation measures (including the final proposed measures), in accordance with relevant sections of current guidelines.		
9.	Environmental Heritage	Section 6.17	N/A
•	Where there is potential for direct or indirect impacts on the heritage significance of environmental heritage, provide a Statement of Heritage Impact and Archaeological Assessment (if potential impacts to archaeological resources are identified), prepared in accordance		

Requirement		Response within the EIS Report	Relevant Supporting Documentation
	with the relevant guidelines, which assesses any impacts and outlines measures to ensure they are minimised and mitigated.		
20.	Social Impact	Section 6.13	Appendix DD
•	Provide a Social Impact Assessment prepared in accordance with the Social Impact Assessment Guidelines for State Significant Projects.		
21.	Infrastructure Requirements and Utilities	Section 6.14	Appendix EE Appendix FF
•	In consultation with relevant service providers: • assess the impacts of the development on existing utility infrastructure and service provider assets surrounding the site.		
	 identify any infrastructure upgrades required on-site and off-site to facilitate the development and any arrangements to ensure that the upgrades will be implemented on time and be maintained. 		
	 provide an infrastructure delivery and staging plan, including a description of how infrastructure requirements would be co- ordinated, funded and delivered to facilitate the development. 		
22.	Bush Fire Risk	Section 6.9	Appendix GG
•	If the development is on bush fire prone land, provide a bushfire assessment that details proposed bush fire protection measures and demonstrates compliance with <i>Planning for Bush Fire Protection</i> .		
3.	Aviation	Section 6.17	Appendix HH
•	If the development proposes a helicopter landing site (HLS), assess its potential impacts on the flight paths of any nearby airport, airfield or HLS.		
•	If the site contains or is adjacent to a HLS, assess the impacts of the development on that HLS.		
24.	Construction, Operation and Staging	Section 6.16 (operation)	N/A
•	Provide details of existing (if relevant) and proposed operations, including staff and student numbers, any before/after school care services and/or community use of school facilities.	Section 6.17	
•	If staging is proposed, provide details of how construction and operation would be managed and any impacts mitigated.		
25.	Contributions and Public Benefit	Section 6.15	Appendix H
•	Address the requirements of any relevant contribution plan(s), planning agreement or EPI requiring a monetary contribution, dedication of land and/or works-in-kind and include details of any proposal for further material public benefit.		
,	Where the development proposes alternative public benefits or a departure from an existing contributions framework, the local council, the Department and relevant State agencies are to be consulted prior to lodgement and details, including how comments have been addressed, are to be provided.		
26.	Engagement Report	Section 5	Appendix D
•	Detail engagement undertaken and demonstrate how it was consistent with the Undertaking Engagement Guidelines for State Significant Projects. Detail how issues raised and feedback provided have been considered and responded to in the project. In particular, applicants must consult with:		
	 the relevant Department assessment team. any relevant local councils. any relevant agencies, including: 		

Location of Response to SEARs within the EIS			
Requirement	Response within the EIS Report	Relevant Supporting Documentation	
 Transport for NSW for development within the Western Parkland City, the Western Parkland City Authority. the community. if the development would have required an approval or authorisation under another Act but for the application of s 4.41 of the EP&A Act or requires an approval or authorisation under another Act to be applied consistently by s 4.42 of the EP&A Act, the agency relevant to that approval or authorisation. 			